

ABSTRACT

Disclosed is a system and method for providing recovery of lost payload blocks in a packet switch network in which a sequence of packets having a number of payload blocks are transmitted from a source node to a destination node. The recovery process determines whether at least one of the payload blocks within a particular packet is lost during transmission; stores other payload blocks that are successfully received within the particular packet in a storage medium for subsequent retrieval; transmits a request for retransmission of the particular packet containing said lost payload block to the source node; and, combines the stored payload blocks with the lost payload block(s) that are retrieved from the subsequent transmission in sequential order.